

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

Only for new nonprovisional applications under 37 C.F.R. 1.53(b)

Attorney Docket No.	NTL-3.2.10/3519 (12818ROUS02U)
First Inventor:	Jianglei Ma
Title	PREAMBLE DESIGN FOR MULTIPLE INPUT- MULTIPLE OUTPUT (MIMO), ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SYSTEM
Express Mail Label No.	EL070146458US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27
3. ☒ Specification Total Pages [ 23 ]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R&D  
- Reference to sequence listing, a table, or a computer program  
listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. [1-7] Drawing(s) (35 U.S.C. 113) Total Pages [ 7 ]
5. Oath or Declaration Total Pages [ 1 ]  
a. ☒ executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR §1.63(d)  
(for continuation/divisional with Box 18 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR §§ 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or computer Program  
(Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. ☐ Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement [ ] Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure [ ] Copies of IDS Citations  
Statement (IDS)PTO-1449
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(If foreign priority is claimed)
16. ☐ Request and Certification under 35 USC 122(b)(2)(B)(i). Applicant  
must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment or in an  
Application Data Sheet under 37 CFR 1.76:[ ] Continuation [ ] Divisional [ X ] Continuation-in-part (CIP) of prior application No.: 09/751,879  
Prior application information: Examiner Group/Art Unit: 2661**For CONTINUATION or DIVISIONAL APPS. Only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under  
Box 5b, is considered to be part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**17. CORRESPONDENCE ADDRESS**[ ] Customer Number or Bar Code Label : or [ X ] Correspondence address below  
(Insert Customer No. Or Attach bar code label here) :

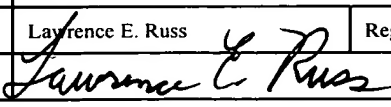
Name	COBRIN & GITTES				
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City	New York	State	New York	Zip Code	10022
Country	U.S.A.	Telephone	(212) 486-4000	Fax	(212) 486-4007

Name (Print/Type)	Lawrence E. Russ	Registration No. (Attorney/Agent)	35,342
Signature	<i>Lawrence E. Russ</i>	Date	March 28, 2001

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

<b>Application Number</b>											
<b>Filing Date</b>						concurrently herewith					
<b>First Named Inventor</b>						Jianglei Ma					
<b>Examiner Name</b>						to be assigned					
<b>Group/Art Unit</b>						to be assigned					
<b>Attorney Docket No.</b>						NTL-3.2.145/3519 (12818ROUS02U)					
<b>TOTAL AMOUNT OF PAYMENT</b>						(\$1258.00)					
<b>METHOD OF PAYMENT (check one)</b>						<b>FEE CALCULATION (continued)</b>					
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number: [03-2317] Deposit Account Name: [COBRIN & GITTES] <input type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27						3. <b>ADDITIONAL FEES</b>					
						<b>Large Entity</b>		<b>Small Entity</b>			
<b>Code</b>		<b>(\$)</b>		<b>Fee Description</b>		<b>Code</b>		<b>(\$)</b>		<b>Fee Paid</b>	
105		130		Surcharge - Late filing fee or oath		205		65			
127		50		Surcharge - late provisional filing fee or cover sheet		227		25			
139		130		Non-English specification		139		130			
147		2,520		Request for Reexamination		147		2,520			
112		920*		Req. publication of SIR prior to Examiner action		112		920*			
139		1,840		Requesting publication of SIR after Examiner action		127		1,840			
115		110		Extension within first month		215		55			
116		390		Extension within second month		216		195			
117		890		Extension within third month		217		445			
118		1,390		Extension within fourth month		218		695			
128		1,890		Extension within fifth month		228		945			
119		310		Notice of Appeal		219		155			
120		310		Brief in support of an appeal		220		155			
121		270		Request for oral hearing		221		135			
138		1,510		Petition to institute a public use proceeding		138		1,510			
140		110		Petition to revive - unavoidable		240		55			
141		1,240		Petition to revive - unintentional		241		620			
142		1,240		Utility issue fee (or reissue)		241		620			
143		440		Design issue fee		243		220			
144		600		Plant issue fee		244		300			
122		130		Petitions to the Commissioner		122		130			
123		130		Petitions related to provisional applications		123		130			
126		180		Submit Info. Disclosure Stmt		126		180			
581		40		Patent Assignment per property		581		40		\$40.00	
146		710		Filing a submission after final rejection (37 CFR 1.129(a))		246		355			
149		710		For each additional invention to be examined (37 CFR 1.129(b))		249		355			
179		710		Request for Continued Examination (RCE)		279		355			
169		900		Request for expedited examination of a design appln.		169		900			
<b>SUBTOTAL (2)</b>				(\$710.00)		<b>Other fee (specify)</b>					
<b>SUBTOTAL (3)</b>				(\$508.00)		<b>Reduced by Basic filing fee Paid</b>				<b>\$40.00</b>	
<b>SUBMITTED BY</b>						<b>Complete (if applicable)</b>					
<b>Name (Print Type)</b>		Lawrence E. Russ		<b>Registration Number</b>		35,342		<b>Telephone</b>		(212) 486-4000	
<b>Signature</b>				<b>Date</b>		March 28, 2001					
<p>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>											